

# System And Method For Redemption Of Awards By Award Program Participants

## Field Of The Invention

The present invention relates to systems and methods for award program participants to redeem mileage awards. More particularly, the present invention related to systems and methods for award program participants to redeem mileage awards when such a participant's accumulated award mile total is less than required number of award miles necessary to redeem a set or posted award.

## Background Of The Invention

Practically every airline, as a promotional vehicle, has a mileage award program. These programs are designed to provide, particularly frequent business flyers, with an incentive to fly on that particular airline. Over the years, these programs have had their intended affect and many of these frequent flyers not only have developed brand loyalty for a particular airline but will go to great lengths to ensure that they take that particular airline to obtain award miles even when the trip is a non-direct route and direct routes are were available on other airlines. The main reason for this is to maximize the accumulated award miles in a particular mileage award program.

The travel industry, in general, has seized upon the airline mileage award programs to partner with the airlines to provide incentives for frequent flyers to use their services. For example, many hotels provide frequent flyers with the ability to receive award miles based on the amount spent on a stay at the hotel. Many of these hotels provide the frequent flyer with the ability to select the particular airline award program to which the hotel-generated award miles may be applied. The car rental companies also have provided award miles to airline award programs in the same of similar way as hotels.

Travel agents have promoted the collaborative efforts of travel industry members. These travel agents will attempt to book trips so that the frequent flyers may maximize the amount of award miles that can be applied to a particular mileage award program.

1                   Frequent flyers use the award miles for many different purposes. Two of  
the main purposes for redeeming mileage awards from awards programs are for upgrading  
the class of service that a frequent flyer will have on a particular flight and for vacations.  
This latter use is the situation in which the frequent flyer wants to accumulate the greatest  
5   number of award miles possible so he or she will be able to redeem mileage awards for  
him- or herself, and also for members of the flyer's family. So, if the frequent flyer is part  
of typical family of four, there may be the need for frequent flyer to have accumulated  
from 100,000 to 120,000 award miles to be able to obtain the required number of tickets to  
go on vacation together without the need to purchase airline tickets or separate the family  
10   to fly on more than one airline, as will be discussed.

One of the main problems with the awards programs as they presently exist  
is that it does not permit the mileage award program participant to fully maximize the  
number of accumulated award miles. For example, in simple upgrade situations in which  
the amount of award miles that are needed to upgrade a class of service is from 5000 to  
15   10,000 award miles, there is usually not a problem because a frequent flyer normally will  
have a greater number of accumulated award miles than this. However, this changes sig-  
nificantly when the frequent flyer is attempting to redeem a number of awards for a family  
vacation or international travel. Under these circumstances, the frequent flyer may have a  
large number of accumulated award miles but the frequent flyer may find that he or she  
20   does not have quite enough miles to obtain all of the tickets needed (but may be close).

In some cases, when the frequent flyer has accumulated award miles in  
more than one airline award program, he or she will redeem mileage awards in two pro-  
grams, and then split the family and part will go on one airline and the remainder will go  
on another airline, even though, it would have been far more desirable to travel together.  
25   In situations, where there is international travel and the frequent flyer's accumulated  
award miles fall just short of the amount needed to redeem an award, the frequent flyer  
may just not go or it may have to just pay for the ticket at the best price possible because  
of the inability to effective use the miles that have been accumulated.

The airlines have made some attempt to permit award program participants  
30   to use part of the accumulated award miles by allowing the participant to apply his or her  
miles to segments of the trip. However, this use is for class of service upgrades. Further,

1 this use, in actuality, does not solve the problem of allowing frequent flyers to maximize  
the use of their accumulated award miles.

An airline that offers a particular award program is losing significant reve-  
nue by requiring that award program participants to have the exact or greater number of  
5 accumulated award miles to be able to redeem an award. Moreover, these airlines are fail-  
ing to increase brand loyalty which would increase if these airlines would allow frequent  
flyers to redeem mileage awards when they may be a little short of the required award  
miles.

The present airline award programs do not provide a method by which  
10 award program participants can combine their accumulated award miles with an appropri-  
ate amount of money to satisfy the amount that the participant is deficient in award miles  
without purchasing a ticket. For example, if the frequent flyer has accumulated 79,343  
award miles and wanted to take his family on a vacation and this frequent flyer is a loyal  
user of that particular airline. If a round-trip tickets for the frequent flyer's family of four  
15 is 20,000, each then the frequent flyer could redeem sufficient miles for three tickets but  
would not be able to obtain the fourth ticket because he or she would only have 19,343  
accumulated award miles to apply to the last ticket. The frequent flyer has two alternatives  
to deal with this situation. The first, so that the entire family can travel together, is to sim-  
ply obtain three tickets by redeeming award miles and purchasing the fourth ticket. The  
20 second, as is normally the case, one of the parents will travel with one child and the other  
parent will travel separately with the other child on a different airline. This is done by  
redeeming mileage awards in the award program of two different airlines if the frequent  
flyer or their spouse is lucky enough to have sufficient accumulated miles with a different  
airline, which is not always the case. However, even if the second alternative is available,  
25 there usually are significant logistical problems in trying to coordinate the travel plans of  
the family groups in departing from, and arriving at, a desired location, and returning  
home.

These and other problems are overcome by the system and method of the  
present invention.

30

## 1      **Summary Of The Invention**

          The present invention is a system and method for providing a way by which airline award program participants can maximize the use of the accumulated award miles even in light of mileage shortfalls for the redemption of mileage awards. The present invention provides not only a benefit to the award program participant, but also provides financial benefits to the airline offering the award program.

          According to the present invention, the airline that is offering the mileage award program will set or post on a periodic basis the amount of the accumulated airline miles needed to redeem particular mileage awards. For example, an airline award program may post that a program participant may redeem a domestic coach airline ticket for 20,000 accumulated award miles, a domestic business class ticket for 30,000 accumulated award miles, or a domestic first class ticket for 40,000 accumulated miles. Preferably, however, such the airline award programs should provide the award program participants with be able to redeem awards if a participant's amount of accumulated award miles is within a predetermined percentage range of the set or posted award amount if the participant will pay an amount of money to compensate for the shortfall in the number of accumulated miles.

          As an example of the preferred embodiment of the present invention, an airline award program participant has accumulated 79,567 award miles and there and now desires to obtain four tickets for a family vacation, and each ticket requires the redemption of 20,000 award miles. According to the present invention, the participant will first obtain three tickets for the redemption of 60,000 award miles. This will mean that there will be 19,567 award miles that remain on account for the participant to apply to the fourth award ticket.

          The next the system and method of the present invention will determine if the number of award miles that remain available to apply to the redemption of the fourth award falls within the percentage range for which the airline program will permit the participant to pay an amount to compensate for the mileage shortfall. This will allow a participant to maximize the use of the award miles available. However, if the number miles that the participant has available does not fall within the percentage range, then the participant will not be eligible to purchase the miles to compensate for the award mileage shortfall.

1                   If the award program participant has a sufficient number of award miles to  
fit within the allowable percentage range, then the system and method will determine the  
number of miles that will have to be added to the number of accumulated award miles to  
overcome the shortfall. Once this determination is made, the airline will multiply the num-  
5       ber of miles that are needed to compensate for the mileage shortfall times a dollar amount  
based on this number of miles that must be compensated for. The amount that is deter-  
mined from this calculation is what the participant must pay to obtain the ticket with the  
redemption of the shortfall of award miles. As such, the award program participant will  
receive three tickets from the redemption of the 60,000 award miles and a fourth ticket for  
10       the redemption of the 19,567 award miles along with the payment of the amount to com-  
pensate for the 433 mile shortfall.

                  An object of the present invention is to provide a system and method that  
will allow an award program participant to be able to maximize the use of accumulated  
award miles even in light of a shortfall in the number of miles required to redeem an  
15       award.

                  Another object of the present invention is to provide a system and method  
that will allow an airline offering an award program to realize payments for shortfalls in  
the number of miles required to redeem an award, which are payments that such airlines  
ordinarily would not receive.

20                These and other objects of the present invention will be described in detail  
in the remainder of the specification referring to the drawings.

### **Brief Description Of The Drawings**

                  Figure 1 shows a representative block diagram of the system of the present  
25       invention.

                  Figure 2 shows a representative flow diagram of the method of the present  
invention.

### **Detailed Description Of The Drawings**

30                The present invention is a system and method for providing a way by  
which an airline award program participant can maximize the use of accumulated award

1 miles even in light of a mileage shortfall for the redemption of mileage awards; and the  
system and method of the present invention also financially benefit the airline offering the  
award program. In the preferred embodiment, the system of the present invention is a  
compute-based system that will permit the on-line determination of the amount that will  
5 have to be paid by the award program participant in order to redeem an award in light of  
the shortfall in accumulated award miles.

Figure 1, generally at 100, shows a referred embodiment of the system of  
the present invention. According to Figure 1, the system of the present invention may be  
distributed system in which there may central processing unit ("CPU") 102 that connects  
10 to one database or a plurality of databases. As an example, Figure 1 shows four databases  
that are shown at 104, 106, 108, and 110. The system may have one input/display device  
or a plurality of input/display devices. Again, as an example, Figure 1 shows four input/  
display devices that are shown at 112, 114, 116, and 118.

The input/display devices may be connected by to the CPU various meth-  
15 ods. These, include, but are not limited to, hardwiring the input/display devices to the  
CPU and wireless methods that include and air interface. It is also to be understood that  
the system may include more than one processing unit and each of the processing units  
may have different or redundant responsibilities in system.

An input/display device, for example, input/display device 112, may permit  
20 the operator of the device to input to general system information about the potential flyer's  
reservation including his or her frequent flyer number. This potential flyer may purchase a  
ticket at the time the reservation is made or at a later time based on the reservation up until  
the time the flight departs. If the potential flyer does not have a frequent flyer number, the  
process for obtaining one may be initiated when the reservation is made or at a later time.

25 When the frequent flyer checks in and takes the flight, or if the flyer did not  
have prior reservations but purchases a ticket at the time and date of the flight and takes  
the flight, and this flyer has a frequent flyer number, the system will add the amount of fre-  
quent flyer miles that is attributed to the flight to the frequent flyer's accumulated miles.  
This amount of accumulated miles may be stored in one of the databases, for example,  
30 database 108.

1 For each frequent flyer, a database, such a database 108, may store the  
accumulated award mileage for a particular frequent flyer in a method by which it will be  
associated with the that frequent flyer's frequent flyer number. New accumulated award  
miles are stored in such a way that they may be retrieved on-line so that the amount accu-  
5 mulated award may be checked when desired. However, the system may be configured so  
that there are controls on the ability to retrieve the accumulated award miles for a particu-  
lar award program participant, such as only by airline personnel and through the use a spe-  
cial password by the frequent flyer of his or her own accumulated miles total.

10 It is understood the system of the present invention may have a different  
configuration that the preferred embodiment shown in Figure 1 and still within the scope  
of the present invention.

Having now described the preferred embodiment of the system of the  
present invention, the preferred method of the present invention will be described.

15 Figure 2 shows a flow diagram of the method of the present invention gen-  
erally at 200. Although Figure 2 shows the preferred method of the present invention, it is  
understood that the method of the present invention may be practiced by variations of the  
preferred embodiment and still be within the scope of the present invention.

20 The method of the present invention that is shown generally at 200 will be  
started at Start 201. The method of the present invention will be started by the airline com-  
pany or the entity that is offering award program because it is this entity that will maintain  
the database of the accumulated award miles, permit flyers to join the award program, and  
permit the redemption of mileage awards. As an example, the airline may start the method  
of the present invention when a flyer purchases a ticket and takes a flight if the airline has  
been provided the flyer's frequent flyer number. At the time the ticket is purchased, the  
25 airline employee will ask the flyer at 202 if the flyer is a participant in that airline's mile-  
age award program. If the flyer is not a participant in the award program, the airline  
employee will ask the flyer if he or she would like to join the program at 204. If the flyer  
would like to join, he or she will be permitted to do so at 206 and the flyer is given a fre-  
quent flyer number and an mileage account is set up in the appropriate database. After  
30 this, the method returns to 202.

1           The new award program participant, who now has a frequent flyer number,  
at 202 will now go to 208. Since the new participant will likely not have enough accumu-  
lated miles to qualify for an award, the participant will not be seeking to redeem a mileage  
award. Under these circumstances, the method will be directed go to 210 where the num-  
5       ber of award miles for the flight being taken is added to the database account for the  
flyer's frequent flyer number. If this is in fact a new program participant, this will be the  
first award miles for the flyer that is saved in database at 212. Following this, the method  
will proceed to End 240.

10           If at 202, the flyer is already an award program participant, the method will  
proceed directly to 208. At 208 as stated, there is a determination whether the participant  
is seeking to add additional award miles to their award miles account. If yes, the method  
proceeds to 210 where the number of new miles is input to the system and, at 212, the new  
award miles are added to the participant's accumulated award miles and this is new total is  
saved in the database that contains the participant's account. After the database is updated,  
15       the method proceeds to End 240.

20           In those cases, at 208, when the flyer is seeking to do more with respect to  
his or her frequent flyer account than just add new award miles to their accumulated total  
of award miles, the method will proceed to 214. At 214, there is a determination whether  
the award program participant is seeking to redeem a mileage award or is there some other  
actions that the participant desires to take with respect to his or her mileage award  
account. If the participant desires to do something other than redeem a mileage award, the  
method proceeds to 216. At 216, if it is determined that there is another action that is  
desired on the part of the participant, the method will transfer the matter to 217, where the  
method links to another method to handle this matter or to an airline employee who will  
25       work with the participant to solve the participant's concerns. Further, if at 216, it is deter-  
mined that the matter is inappropriate for handling by this method, the method will pro-  
ceed to End 240.

30           According to the method of the present invention, if it is determined at 214  
that the award program participant is seeking to redeem a mileage award, the method will  
proceed to 218. At 218, there is input to the method of the amount of miles needed to  
receive the desired mileage award. This information, based on the appropriate query using



1 the method, may be input by an airline employee or, if there is an on-line system, it may be  
input by the participant. This input of the required award miles to redeem a particular  
award may be a manual input of the mileage amount or it may be retrieved from a data-  
base.

5           Once the amount required award miles is determined, the method of the  
present invention will next go to 220. At 220, the method will retrieve from the appropri-  
ate database the accumulated award miles for the particular award program participant.  
The accumulated award miles that are retrieved will be the updated total amount of award  
miles.

10           At 222, the method will compare the amount of the award miles required  
for a particular award with the total number of accumulated award miles for the partici-  
pant who desires to redeem a mileage award. At 222, in making the comparison, the  
method will determine if the participant is requesting a single or multiple mileage awards.  
If the award program participant is requesting a single award redemption, the comparison  
15 at 222 will determine if the accumulated award miles are equal to, or greater than, the  
number of required miles. The method will proceed to 224 if the comparison indicates that  
there is an adequate number accumulated that will permit the award program participant to  
receive the requested award.

20           At 224, the method of the present invention will deduct the redeemed  
award miles from the accumulated total of award miles for the award program participant.  
Once this deduction is made, the new accumulated total for the participant who has just  
redeemed award miles will be saved in the database that retains the accumulated award  
miles for that particular award program participant.

25           Following the deduction of the redeemed award miles from the accumu-  
lated total award miles, the airline or the entity administering the mileage award program  
will issue the mileage award ticket to the award program participant at 226. After the issu-  
ance of the mileage award ticket, the method of the present invention will proceed to End  
240.

30           At 222, as stated, the method will determine if the award program partici-  
pant is redeeming multiple awards or just one award. In the multiple awards situation, the  
method will determine the number of awards seeking to be redeemed and, from 218, the

1 required award miles for each requested award redemption. Then at 222, the comparison  
will determine the number of requested awards the may be satisfied by the award program  
participants accumulated award miles. For example, if the award program participant has  
100,000 accumulated award miles and this participant is seeking to redeem award miles  
5 for three tickets, the method will calculate the total number of award miles needed for  
three tickets and compare this total will the number of accumulated miles of the partici-  
pant. If the requested redemptions are for 20,000, 30,000, and 40,000 award miles, the  
method at 218 will sum the total for the three requested award redemptions to be 90,000  
award miles. Under these circumstances, the comparison at 222 will show that there are  
10 sufficient award miles for the three awards. The method will then proceed to 224 and  
deduct the 90,000 redeemed award miles from the participant's accumulated total of  
award miles. This is followed by the issuance of the three awards at 226. The database that  
stores the award program participant's account will have been updated to indicate that the  
accumulated award miles to be 10,000 award miles. After this, the method will proceed to  
15 End 240.

In the single or multiple award situations, the comparison at 222 may indi-  
cate that the number of accumulated award miles is less than the number of required  
award miles for the requested award redemption. In such situations, the method of the  
present invention will proceed to 225 where it is determined if the requested award  
20 redemption is a single or multiple award redemption. If it is a single award redemption,  
the method will proceed to 227, and if there are multiple award redemptions to 228.

At 227, the method of the present invention will determine whether the  
accumulated award miles total falls within a predetermined percentage range of the  
required award mileage. This percentage may be selected by the airline or entity adminis-  
25 tering the mileage award program. For example, such an entity may select the percentage  
range to be from 95% to 100%-1 of the required award mileage. Alternatively, the method  
may not state this requirement as a percentage range but as the need for the accumulated  
award miles to be greater than, or equal to, 95% of the required number award miles. If at  
227, it is determined that the accumulated award miles is not within the selected percent-  
30 age range, or is not equal to, or greater than, the selected percentage, the method of the  
present invention will proceed to 231.

1                   At 231, it is determined if this is a single or multiple award redemption. If  
it is a single award redemption, the method will proceed to 235. At 235, the method will  
save the unused accumulated award miles in the appropriate database. Following the sav-  
ing of these award miles, the method will proceed to End 240. However, if the accumu-  
5   lated award miles is within the selected percentage range, or is equal to, or greater than,  
the selected percentage, the method will instead go to 230.

                  At 230, the method of the present invention will determine the number of  
award miles that constitute the mileage shortfall. This is may be done, for example, by  
subtracting the accumulated award miles from the required award miles. This number of  
10   shortfall miles is multiplied by a multiplication factor at 232. This multiplication factor  
may be fixed for each of the shortfall miles. For example, if the award mile shortfall is 160  
miles, the multiplication factor may be \$0.50 /mile, so the amount to purchase the shortfall  
miles would be \$80.00.

                  The method may also use a weighting system to determine the amount that  
15   will have to be paid to compensate for the mileage shortfall. For example, if the percent-  
age range or the amount in excess of a predetermined percentage equals 500 miles, the  
weighting system multiplication factors could be \$0.50 for 449-500 shortfall miles; \$0.47  
for 401-450 shortfall miles; \$0.44 for 349-400 shortfall miles; \$0.41 for 350-399 shortfall  
miles; \$0.38 for 300-349 shortfall miles; \$0.35 for 250-299 shortfall miles; \$0.32 for 200-  
20   249 shortfall miles; \$0.29 for 150-199 shortfall miles; \$0.26 for 100-149 shortfall miles;  
\$0.23 for 50-99 shortfall miles; and \$0.20 for 1-49 shortfall miles. Moreover, the method  
may have an oppositely weighted system in which the weighting is highest for the smallest  
mileage category and lowest for the largest mileage shortfall. Accordingly, the airline or  
entity that is administering the method will select the weighting system it desires to use,  
25   and at 232, the weighting system is applied as the multiplication factor to the award mile-  
age shortfall to determine the amount that the award program participant must pay with  
the surrender of the accumulated award miles to redeem the desired award.

                  Once the determination of the amount to be paid for the shortfall is deter-  
mined, at 234, this amount is collected by the airline or the entity that is administering the  
30   mileage award program. After the amount for the shortfall is paid, the accumulated award  
miles is deducted from the total that is stored in the database at 236. Since this is a situa-

tion in which there was less than number of award miles that were required to redeem the award, which was compensated for by paying for the shortfall, the balance in that award program participant's account should be zero.

After the deduction of the award miles, the method invention of the present proceeds to 238 where the redeemed award is issued to the award program participant. Following this, the method will move to End 240.

When there is a multiple redemption situation, at 225, the method of the present invention moves to 228. At 228, the method will determine which of the multiple award redemption requests may be satisfied by the total number of accumulated award miles of the award program participant. For example, the award program participant may desire to redeem four awards which consist of two 20,000 mileage awards, one 30,000 mileage award, and one 40,000 mileage award and this participant may have an accumulated award total of 110,567. The method of the present invention, unless instructed otherwise, will automatically satisfy the maximum number of award redemptions first given the number of accumulated award miles. The method may be programmed to start with the largest redemption award request and move to the smallest, or from the smallest award redemption request and move to the largest. Further, the award program participant may indicate the order in which the redemption award requests are to be filled.

In the example, just set forth, if the method is programmed to proceed from smallest to largest, at 228, the method will determine that there were enough accumulated award miles to redeem the two 20,000 mileage awards and the 30,000 mileage award, which totals 70,000 award miles, but not enough to redeem the 40,000 mileage award. The method, after redeeming the maximum number of mileage awards possible will proceed to 229.

At 229, the method will determine the number of remaining accumulated award miles after satisfying the maximum number of mileage awards at 228. If there are remaining miles, and there should be, these award miles will be transmitted to 227.

With regard to the redemption awards that were satisfied at 229, the method proceeds to 236. At 236, the 70,000 redeemed award miles will be deducted from the award program participant's stored accumulated award mile total in the database. Following this, the award tickets are issued at 238, but not sent to the participant. The award

1 tickets are not set to the participant yet because there must be a determination whether the remaining accumulated award miles qualify for the purchase of the award mileage short-fall for redeem the fourth requested mileage award.

As stated, at 229, the method determines the remaining number of accumu-  
5 lated award miles after processing the award redemptions that are fully satisfied by the participant's current total number of accumulated award miles. This number of accumu-  
lated award miles that remain are sent to 227, as discussed. At 227, the method will deter-  
mine if the accumulated award miles total falls within a predetermined percentage range  
of the required award mileage, or greater than, or equal to, a selected percentage of the  
10 required award mileage. This percentage may be selected by the airline or entity adminis-  
tering the mileage award program. For example, such an entity may select the percentage  
range to be from 95% to 100%-1. Alternatively, the method may select a percentage that is  
greater than, or equal to, for example, 95%. If at 228, the accumulated award miles is not  
within the selected percentage range, or is not equal to, or greater than, the selected per-  
15 centage, the method of the present invention will proceed to 231. At 231, the method will  
determine if this a multiple award redemption. If it is, the method will proceed to 233  
where the unused accumulated award miles total will be saved in the appropriated data-  
base. The method will then go to 238 where the three award tickets that were issued but  
not sent are being held. The saving of the unused award miles will permit the release of the  
20 three tickets which are now sent to the award program participant. Following the sending  
of the mileage award tickets, the method will proceed to End 240.

On the other hand, if the accumulated award miles is within the selected  
percentage range, or is equal to, or greater than, the selected percentage, the method will  
instead to 230. At 230, the method of the present invention will determine the number of  
25 award miles that constitute the mileage shortfall. This is may be done, for example, by  
subtracting the accumulated award miles from the required award miles. This number of  
shortfall miles is multiplied by the multiplication factor at 232. This multiplication factor  
may be fixed for each of the shortfall miles. For example, if the award mile shortfall is 160  
miles, the multiplication factor may be \$0.50 /mile, so the amount to purchase the shortfall  
30 miles would be \$80.00.

1           The method may also use a weighting system with regard to the amount  
that have to be paid for the shortfall miles. For example, as stated, if the percentage range  
or the amount in excess of a predetermined percentage equals 500 miles, the weighting  
system multiplication factors could be \$0.50 for 449-500 shortfall miles; \$0.47 for 401-  
5   450 shortfall miles; \$0.44 for 349-400 shortfall miles; \$0.41 for 350-399 shortfall miles;  
\$0.38 for 300-349 shortfall miles; \$0.35 for 250-299 shortfall miles; \$0.32 for 200-249  
shortfall miles; \$0.29 for 150-199 shortfall miles; \$0.26 for 100-149 shortfall miles; \$0.23  
for 50-99 shortfall miles; and \$0.20 for 1-49 shortfall miles. The method may also have an  
oppositely weighted system in which the weight is highest for the smallest mileage cate-  
10   gory and lowest for the largest mileage shortfall. Accordingly, the airline or entity that is  
administering the method will select the weighting system it desires to use, and at 232, the  
multiplication factor is applied to the award mileage shortfall to determine the amount that  
the award program participant must pay with the surrender of the accumulated award  
miles to redeem the desired award.

15           Once the determination of the amount to be paid for the shortfall is deter-  
mined, at 234, this amount is collected by the airline or the entity that is administering the  
mileage award program. After the amount for the shortfall is paid, the accumulated award  
miles is deducted from the total that is stored in the database at 236. Since this is a situa-  
tion in which there was less than number of award miles that were required to redeem the  
20   award, which was compensated for by paying for the shortfall, the balance in that award  
program participant's account should be at zero. Then at 238, the method proceeds to End  
240.

          At this point, the fourth award redemption ticket is sent to the award pro-  
gram participant along with the other three award redemption tickets.

25           The terms and expressions that are employed herein are terms or descrip-  
tion and not of limitation. There is no intention in the use of such terms and expressions of  
excluding the equivalents of the feature shown or described, or portions thereof, it being  
recognized that various modifications are possible within the scope of the invention as  
claimed.

30